

ABSTRACT

The invention provides methods of predicting a behavior of a biochemical system. In one embodiment, the method consists of comparing two or more data integration
5 maps of a biochemical system obtained under different conditions, the data integration map comprising at least two networks, and identifying correlative changes in at least two value sets between said two or more data
integration maps with different conditions, wherein the
10 correlative changes predict a behavior of the biochemical system.